

Research Report

Pekerjaan ortodonti yang diterima Dental Laboratorium RSGM FKG UNAIR periode semester ganjil tahun 2012 sampai semester ganjil tahun 2014

(Removable orthodontic work received by RSGM FKG UNAIR Dental Laboratory from odd semester 2012 until odd semester 2014 period)

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ABSTRACT

Background: Dental Laboratory of the RSGM FKG UNAIR receives orthodontic work from FKG UNAIR students. Removable orthodontic appliance consist of three components, that are base plate, retentive component and active component. **Purpose:** The purpose of this study was to know variety of works which was most accepted at RSGM FKG UNAIR Dental Laboratory. **Methods:** This observational study was done by looking the administration data of the RSGM FKG UNAIR Dental Laboratory from odd semester of 2012 until odd semester of 2014 period, then were grouped by semester and type of work. Data were analyzed descriptively. **Result:** The results showed that from the period of odd semester of 2012 to odd semester of 2014 a total of 864 working models was received consisting of making 768 new appliances and repairing 96 appliances. The highest job was received in odd semester of 2013 (making 220 new appliances and repairing 20 appliances). Making Adams clasp was the most work that must be done (1794 pieces) and then followed by making U loop labial bow (660 pieces), double cantilever spring (477 pieces), single cantilever spring (283 pieces). From 96 works of reparation, 47 % need reparation of wire works. Reparation of clasp or spring was the highest one. Soldering was always found in every semester. **Conclusion:** In all semester the most orthodontic work received by RSGM FKG UNAIR Dental Laboratory were making Adams clasp, U loops labial bow, double cantilever spring, and single cantilever spring respectively.

Key words: removable orthodontic, dental laboratory, retentive component, active component

ABSTRAK

Latar Belakang: Dental Laboratorium RSGM FKG UNAIR menerima pekerjaan ortodonti dari mahasiswa S1 FKG UNAIR. Peranti ortodonti lepasan yang terdiri dari tiga komponen, yaitu plat dasar, komponen retensi, dan komponen aktif. **Tujuan:** Tujuan dari penelitian ini adalah untuk mengetahui macam pekerjaan ortodonti lepasan apakah yang paling banyak diterima di Dental Laboratorium RSGM FKG UNAIR. **Metode:** Penelitian observasional ini dilakukan dengan cara melihat data administrasi Dental Laboratorium RSGM FKG UNAIR periode semester ganjil tahun 2012 sampai semester ganjil tahun 2014 selanjutnya dikelompokkan berdasarkan semester dan jenis pekerjaan. Data dianalisis secara deskriptif. **Hasil:** Hasil penelitian menunjukkan bahwa pada periode semester ganjil tahun 2012 sampai semester ganjil tahun 2014 total pekerjaan yang diterima sebesar 864 rahang yang terdiri atas 768 rahang pekerjaan pembuatan peranti baru dan pekerjaan reparasi sebesar 96 rahang. Penerimaan pekerjaan yang paling tinggi terjadi pada semester ganjil tahun 2013 sebesar 202 rahang pekerjaan pembuatan peranti baru dan 20 rahang pekerjaan reparasi. Rincian pekerjaan yang tertinggi adalah pekerjaan retensi cengkeram Adams sebesar 1794 buah kemudian diikuti busur labial lup U 660 buah, pegas kantilever ganda 477 buah, dan pegas kantilever tunggal 283 buah. Dari 96 pekerjaan reparasi yang diterima, pekerjaan reparasi ganti kawat yang paling banyak diterima sebesar 46 rahang. Pekerjaan soldir selalu dijumpai pada setiap semester. **Kesimpulan:** Pekerjaan ortodonti yang paling banyak diterima Dental Laboratorium RSGM FKG UNAIR berturut-turut adalah